BEFORE using this firearm. Always keep it with the pistol. If you lend, give, or sell this pistol be sure the manual goes with it. You can get a copy of this manual from Excam, inc. upon request.

MODEL TA90 SEMIAUTOMATIC PISTOL

TANARMI®

SPECIFICATIONS

Caliber	9mmP (Luger)	Magazine	15 Shot, Double Column
Barrel	4.50 inches	Action	Browning Short Recoil
Length	8.12 inches	Trigger	Single and Double Action
Weight	35 ounces	Hammer	External Spur Type
Height	5.50 inches	Construction	Nickel Steel Alloy

SAFETY PROCEDURES

1. We recommend that you get competent firearms instruction in safe handling before using this firearm. Please ask your dealer. All guns can be dangerous if carelessly used. Remember that the gun user is the primary "safety" and to depend on mechanical devices is to be only half safe.

2. DO NOT LOAD THIS PISTOL UNTIL YOU UNDERSTAND THE SAFETY. The safety lever is located on the upper rear surface of the slide (see parts list). When the lever is moved up to expose the red dot the pistol is in the fire position. When the safety lever is moved down covering the red dot the pistol is in the safe position. ALWAYS keep the safety in the safe position until you are ready to fire.

3. NEVER carry this pistol with a cartridge loaded in the chamber (see loading). Load only the magazine. We recommend that you keep the safety in the safe position and always be sure the chamber is unloaded until you are ready to fire.

4. Never point this pistol at anything that is not your intended target even if the gun is unloaded. When loading, cleaning, unloading, or handling always be sure the muzzle is pointed in a safe direction.

SAFETY PROCEDURES CONTINUED

5. Never assume that this gun is unloaded. Before handling this pistol remove the magazine and retract the slide to unload any ammunition. Make sure you know the pistol is unloaded before handling. When handling this weapon it is a good idea to keep your fingers away from the trigger until you know for sure that the weapon is full unloaded.

LOADING INSTRUCTIONS

1. Always use original high quality commercially manufactured ammunition in good condition. We recommend that you use full metal jacketed (FMJ) 9mm (Luger). Hollow point ammo can sometimes cause feeding problems in auto pistols. If you find one brand that works well stick with it. Avoid the use of military surplus, reloaded, or hot loaded ammo. The use of reloaded ammunition will void the Warranty.

2. Before loading be sure the pistol is fully unloaded and that the safety lever is in the safety position.

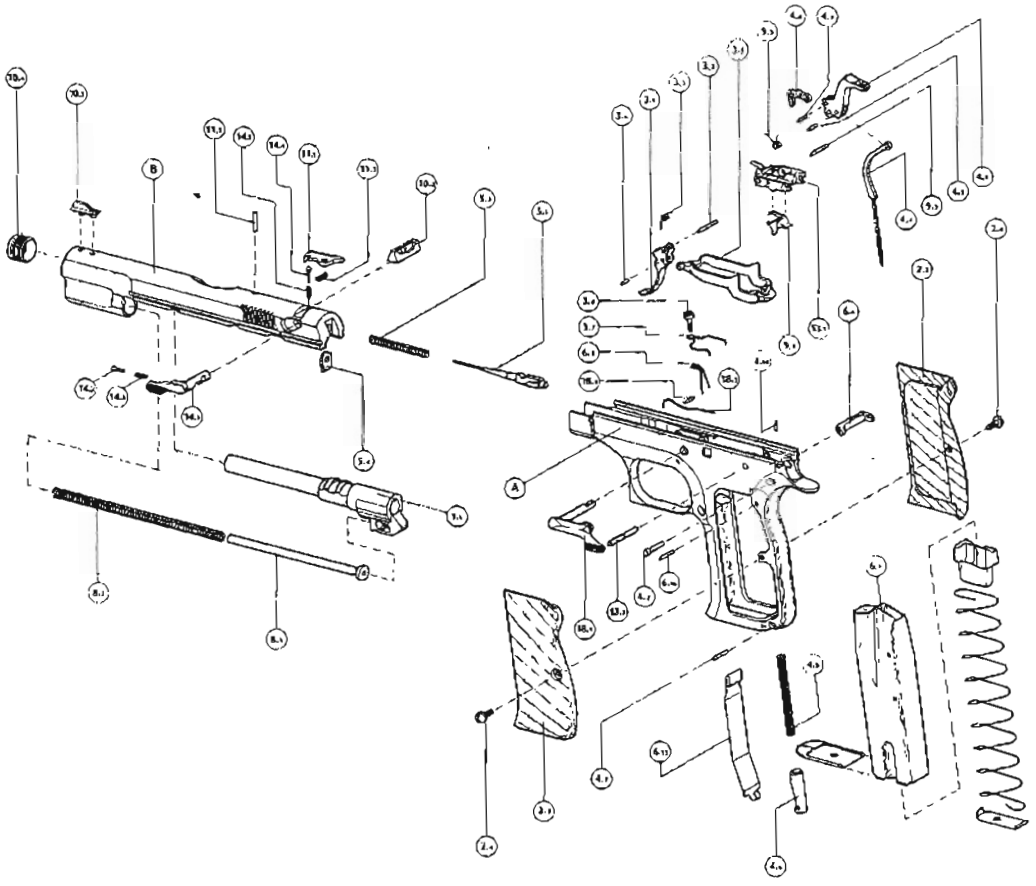
3. Depress the magazine catch button and remove the magazine. (Fig. n. 1).

4. Load the magazine with 15 cartridges as specified above.

5. Insert the magazine in the receiver until the magazine catch secures it in the receiver with a click. Avoid slamming the magazine into the pistol. Handle the magazine carefully when loading. Any damage by dropping may bend the magazine lips which can cause mis-feeding.

6. To load the chamber first be sure your fingers are out of the trigger guard. Holding the pistol grip grasp the serrations on the slide with your other hand and pull the slide rearward until it cannot travel any further. Release the slide and allow it to go forward in to the closed position. The slide will automatically strip a cartridge from the magazine and insert it into the chamber.

7. If you desire to fire put the safety up to expose the red dot and squeeze the trigger. The pistol will fire semi automatically with every squeeze of the trigger until the magazine is empty. When the clip is empty the slide will automatically stay open. You may remove the clip and reload it while the slide is held open. Insert the loaded magazine in the pistol, depress the slide stop lever, and the pistol will automatically reload the chamber to fire the next 15 shots.
IF YOU DO NOT WISH TO FIRE THE PISTOL AFTER LOADING UNLOAD IT IMMEDIATELY. WE DO NOT RECOMMEND CARRYING, HANDLING, LOADING, OR CLEANING THIS PISTOL WITH A LOADED CARTRIDGE IN THE CHAMBER.



PARTS CODIFICATION FOR TA90

2.2 RIGHT GRIP
2.3 LEFT GRIP
2.4 GRIP SCREWS
3.1 TRIGGER
3.2 TRIGGER PIN
3.3 TRIGGER SPRING
3.5 TRIGGER BAR
3.6 TRIGGER BAR PIN
3.7 TRIGGER BAS SPRING
3.8 TRIGGER BAR AND MAGAZINE CATCH SPRING SCREWS
4.1 HAMMER
4.2 HAMMER PIN
4.3 HAMMER SPRING
4.4 HAMMER STRUT
4.5 HAMMER STRUT PIN
4.6 HAMMER SPRING CUP
4.7 HAMMER SPRING CUP IN
4.8 INTERRUPTOR
4.9 INTERRUPTOR PIN
4.10 HAMMER PIN IN
5.1 FIRING PIN
5.3 FIRING PIN SPRING
5.4 FIRING PIN RETAINER PLATE
6.1 MAGAZINE
6.6 MAGAZINE CATCH
6.8 MAGAZINE CATCH SPRING
6.13 MAGAZINE SECURITY SPRING PLATE
6.14 MAGAZINE SECURITY SPRING PLATE PIN
8.1 RECOIL SPRING GUIDE
8.3 RECOIL SPRING
9.1 SEAR
9.2 SEAR PIN
9.3 SEAR SPRING
10.2 REAR SIGHT
10.3 FRONT SIGHT
10.4 BARREL BUSHING
11.1 EXTRACTOR
11.2 EXTRACTOR PIN
11.3 EXTRACTOR SPRING
13.1 SEAR ASSEMBLY HOUSING WITH EJECTOR
13.2 SEAR ASSEMBLY HOUSING PIN
14.1 FIRING PIN SAFETY
14.2 FIRING PIN SAFETY PLUNGER
14.3 FIRING PIN SAFETY SPRING
14.4 SEAR SAFETY
14.5 SEAR SAFETY SPRING
18.1 SLIDE STOP PIN
18.3 SLIDE STOP PIN SPRING
18.4 SLIDE STOP PIN SPRING PIN

This gun was manufactured to perform properly with the original parts as designed. It is your duty to make sure any parts you buy are installed correctly and that neither replacements nor originals are altered or changed. Your gun is a complex tool with many parts that must relate correctly to other parts. Putting a gun together wrong or with modified parts can result in a damaged gun, danger, and injury or death to you and others through malfunction. Always let a qualified gunsmith work on your gun or at least check any work not performed by a gunsmith.

ALL PARTS ORDERS ARE SUBJECT TO A $5.00 CHARGE FOR SHIPPING AND HANDLING. Please state Model, Caliber, Serial Number, and Finish Color when ordering. Parts and service for all TANARMI pistols is available from: EXCAM, INC., 4480 East 11th Avenue, Hialeah, FL 33013 305-681-4661 or 305-461-4662.

CLEANING AND MAINTENANCE

1. Materials needed to clean this pistol are a pistol cleaning rod, cotton bore patches, brass bore brush, powder solvent, toothbrush, and good quality gun oil.

2. Field strip the pistol as discussed in the instructions.

3. Using the bore brush with powder solvent scrub the barrel and chamber to remove any powder and lead residue in the bore. Follow the bore brush with a swabbing in the bore with cotton patches soaked in solvent. After swabbing with solvent coat a cotton patch with gun oil to coat and protect the bore from rust and corrosion.

4. Any powder fowling on the receiver or breech face of the slide can be easily cleaned with the toothbrush and powder solvent.

5. All external surfaces should be wiped down with a light coat of rust preventative. Avoid using too much oil as dust and debris can get trapped in the oil creating a gum that in time will cause misfires.

6. Avoid prolonged contact of the blue steel parts with the powder solvent. Be sure to wipe away all excess solvent. Under certain conditions powder solvent can disolve bluing.

STATEMENT OF LIMITED WARRANTY

We hereby warrant this firearm against defective workmanship and materials for the period of one year. During this one year period we will repair or replace (at our option) any part, series of parts, and or the entire pistol if it proves to be defective.

There will be no charge for parts and labor but the customer must assume transportation to and from our repair facilities in Hialeah.

This warranty is voided by work done by others, misuse, modification or transfer of ownership by the original owner. This warranty is also voided by the use of reloaded, hot loaded, or non standard ammunition. No warranty is implied against normal wear and tear. Our warranty of salebility and fitness applies only for the effective period of the expressed limited warranty.

THE TANARMI TA90 PISTOL WAS DESIGNED AND MANUFACTURED BY: Fratelli Tanfoglio SPA, 25063 Gardone, V.T., Brescia, Italy.

PRIOR TO EXPORT FROM ITALY EACH TA90 IS INSPECTED AND PROOF TESTED BY THE ITALIAN NATIONAL PROOF BANK LOCATED AT:
Banca Di Prova, Via Mameli 57, Gardone V.T., Italy.

TANARMI TA90 Pistols are distributed in the USA by:
EXCAM, INC., 4480 East 11th Avenue, Hialeah, Florida 33013

Fig. n. 1

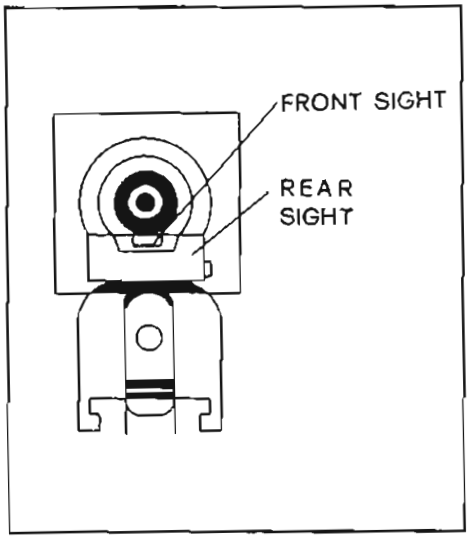


Fig. n. 2

LOADING LOADING THE CLIP FIRING

UNLOADING INSTRUCTIONS

1. Keep your fingers away from the trigger.

2. Press the magazine release button and remove the magazine. (Fig. n. 1).

3. The magazine may be unloaded by pressing the cartridges forward and out with your thumb.

4. Put the safety in the safe position. Retract the slide so that the extractor can pull out any cartridge that may be in the chamber. Visually check to be sure the chamber is completely unloaded.

FIRING INSTRUCTIONS

1. Put the safety in the safe position.
2. Load the magazine and chamber as discussed in loading.
3. Move the safety to the fire position exposing the red dot.
4. Grasp the pistol by the stocks and take aim. Carefully align the front sight and rear sight so that the top surfaces mate at the lower or 6 o'clock position of the black portion of the target. Gently squeeze the trigger for best accuracy. (Fig. n. 2).
5. Check to be sure you have a safe target and backstop. Never shoot at hard flat surfaces, rocks, water or anything that might make the bullet ricochet. Think about what you will hit if you miss the target.
6. The best accuracy is obtained by squeezing the trigger slowly. Avoid jerking the trigger. Single Action trigger firing (Cocking the hammer first) is the most accurate. Double action firing is not as accurate but more effective in a combat situation. Take adavantage of the contoured trigger guard of the TA90 by aiming and firing with two hands. A two handed hold yields the best accuracy and control.

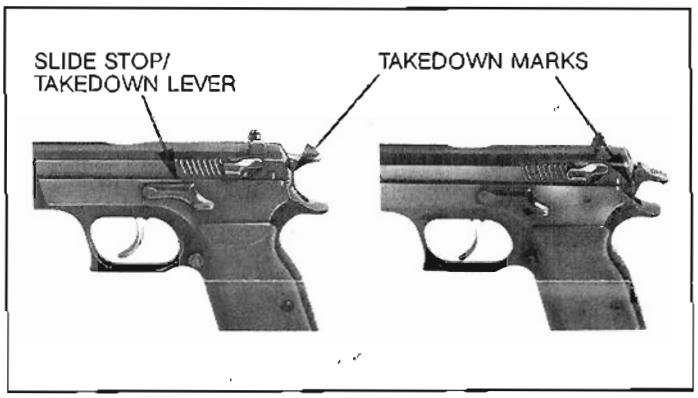


Fig. n. 3

FIELD STRIPPING INSTRUCTIONS

1. Remove the magazine and visually check to be sure the chamber is unloaded. See unloading instructions.
2. Pull the hammer back to the full cock position.
3. Locate the two takedown marks behind the safety lever on the left side of the slide and frame. Retract the slide slightly so that the two lines joint to form a single line.
4. With the slide aligned on the line the slide stop/take down lever can be removed from the pistol. To do this push the lever out from one side while pulling the lever out of the frame with the other hand.
5. With the slide stop removed the slide and barrel assembly may be pulled forward and off the receiver. While pulling the slide forward, pull the trigger.
6. With the slide upside down retract the recoil spring so that the recoil spring guide can be disengaged from its retaining slot in the barrel lug. The barrel may now be removed from the slide for cleaning.
7. We do not recommend any further disassembly of this pistol unless done by a qualified gunsmith.

REMEMBER THAT WORK DONE BY OTHERS AND UNAUTHORIZED GUNSMITHING BY NON FACTORY PERSONNEL WILL VOID THE WARRANTY.